ELSEVIER

Carbohydrate Research 256 (1994) C5–C6

CARBOHYDRATE RESEARCH

AUTHOR INDEX

Ajisaka, K. 149
Axelos, M.A.V. 71

Batcheler, D. 185
Behr, T. 189
Bergon, P. 245
Beynon, L.M. 303
Breazeale, S. 245
Brewster, J.D. 13

Chiba, S. 149
Chmielewski, M. 1, 319
Colquhoun, I.J. 97

Defaye, J. C1
Díaz-Mauriño, T. 223
Doner, L.W. 13

Eason, C.T. 185
Egge, H. 189

Feather, M.S. 41
Fernández, P. 223
Fischer, W. 189
Floss, H.G. 245
Furneaux, R.H. 185

García Fernández, J.M. C1
Garnier, C. 71
Geddes, R. 139
Grodner, J. 1
Gumy, D. 129

Hartmann, R. 189
Hicks, K.B. 13
Higuchi, T. 113
Hindsgaul, O. 257
Hiramatsu, K. 113
Hirano, S. 331
Hirobe, M. 113

Irwin, P.L. 13
Ishiguro, M. 59
Ito, T. 113

Jansson, P.-E. 327
Jiménez-Barbero, J. 223

Kaiwar, S.P. 29
Kaluza, Z. 1
Kanemitsu, T. 59
Kimura, A. 149
Kirschning, A. 245
Klein, R.A. 189
Knerr, T. 177

Li, E.Y. 41
Ling, L. 49
Lowary, T.L. 257
Luboradzki, R. 1

Martín-Lomas, M. 223
Matsubara, M. 59
Mostowicz, D. 1
Mourão, P.A.S. 275

Nagahashi, G. 13

Ochs, S. 177
Ogihara, Y. 59
Ozaki, S. 49

Pantaleone, D. 159
Parolis, H. 289
Parolis, L.A.S. 289
Perry, M.B. 303
Pfeffer, P.E. 13

Raghavan, M.S.S. 29
Rao, C.P. 29
Richards, J.C. 303
Ruggiero, J. 275

Sapers, G.M. 13
Schols, H.A. 83, 97
Severin, T. 177
Solís, D. 223
Soo Ping Chow, J.C.K. 139
Stevenson, D.E. 185
Suwinska, K. 1
Swiedler, S.J. 257

Takayanagi, T. 149
Takeda, T. 59
Thibault, J.-F. 71

Urbanczyk-Lipkowska, Z. 1
Usutani, A. 331

Vieira, R.P. 275
Voragen, A.G.J. 83, 97

Wang, J.-J. 245
Whittaker, D.V. 289
Widmalm, G. 327
Woolhouse, A.D. 185
Würsch, P. 129

Yalpani, M. 159
Yokota, T. 113

Zegrocka, O. 319
Zhang, M. 331

ELSEVIER

Carbohydrate Research 256 (1994) C7–C9

CARBOHYDRATE RESEARCH

SUBJECT INDEX

4-Amino-4,6-dideoxy-2-*O*-methylmannose, identification in the lipopolysaccharide of *Vibrio cholerae* O1 serotype Ogawa, 113

β-Amylolysis in the inhibition of amylopectin retrogradation, 129

Aminoglycans, an examination of the unusual susceptibilities of to enzymatic hydrolysis, 159

Amylopectin retrogradation inhibited by partial β-amylolysis, 129

O Antigen, the structure of the lipopolysaccharide, from *Yersinia ruckeri* serotype 01, 303

Aqueous solution structure of the tetrasaccharide–ribitol repeat unit from the lipoteichoic acid of *Streptococcus pneumoniae* strain R6 determined by a combination of NMR spectroscopy and computer calculations, 189

Blood-group H gene-specified glycosyltransferase, recognition of synthetic analogues of the acceptor, β-D-Gal*p*-OR, by the, 257

Calcium affinity, of a fucosylated chondroitin sulfate from sea cucumber, 275

Calcium ions, selective and cooperative binding by pectins, 71

Caramel, protonic and thermal activation of sucrose and the oligosaccharide composition of, C1

2-Carbamoyl-2-deoxyglycosides, an approach to pseudo-glycopeptides from, 319

Carbohydrate metabolism in liver and muscle, differing patterns of, 139

2-*C* : 1-*N*-Carbonyl-2-deoxy-D-glycopyranosylamines, conformations, 1

Chemoenzymatic synthesis of D-*myo*-inositol 1,4,5-triphosphate, a, 49

Chitin xanthate and xanthate ester derivatives, 331

Chlorogenic acid, the major substrate of apple polyphenol oxidase, binding geometry, stoichiometry, and thermodynamics of cyclomalto-oligosaccharide (cyclodextrin) inclusion complex formation with, 13

Chondroitin sulfate, from sea cucumber, increased calcium affinity of a fucosylated, 275

Chromate, in vitro reducing abilities of various hydroxy-containing compounds, including saccharides and their derivatives towards, 29

Conformations of 2-*C* : 1-*N*-carbonyl-2-deoxy-D-glycopyranosylamines, 1

Cyclodextrin (cyclomalto-oligosaccharide) inclusion complex formation with chlorogenic acid, the major substrate of apple polyphenol oxidase, binding geometry, stoichiometry and thermodynamics of, 13

Cyclomalto-oligosaccharide (cyclodextrin) inclusion complex formation with chlorogenic acid, the major substrate of apple polyphenol oxidase, binding geometry, stoichiometry and thermodynamics of, 13

Deacetamido sugar as a component of the capsular polysaccharide of *E. coli* K48, identification of a novel, 289

Degradation of L-threose, at Maillard reaction conditions, 41

2′-Deoxyguanosine, reaction with glucose, 177

3,4-Dideoxy-4-amino-D-*arabino*-heptulosonic acid-7 phosphate, synthesis of, 245

E. coli K48 capsular polysaccharide, structure of, and identification of a novel diacetamido sugar component, 289

Enzymatic hydrolysis, an examination of the unusual susceptibilities of aminoglycans to, 159

2-Fluoroethyl β-D-galactopyranoside and 2-fluoroethyl 6-*O*-β-D-galactopyranosyl-β-D-galactopyranoside, synthesis from lactose using β-D-galactosidase, 185

β-D-Galactopyranoside and 6-*O*-β-D-galactopyranosyl-β-D-galactopyranoside, synthesis from lactose of 2-fluoroethyl, using β-D-galactosidase, 185

β-D-Galactosidase, synthesis of 2-fluoroethyl β-D-galactopyranoside and 2-fluoroethyl 6-*O*-β-D-galactopyranosyl-β-D-galactopyranoside from lactose using, 185

β-D-Gal*p*-OR, recognition of synthetic analogues of the acceptor, by the blood-group H gene-specified glycosyltransferase, 257

Glucose moiety of methyl β-lactoside, involvement in the molecular recognition by ricin, 223

Glucose, reaction of guanosine, 2′-deoxyguanosine and guanosine-5′-monophosphate with, 177

α-D-Glucosidase, novel structures of *N*-linked high-mannose type oligosaccharides containing α-D-galactofuranosyl linkages in *Aspergillus niger*, 149

Glycopeptide with phytoalexin elicitor activity I, synthesis of a. Syntheses of triglycosyl L-serine and a triglycosyl L-serine-L-proline dipeptide, 59

Glycopeptides, an approach to pseudo-, from 2-carbamoyl-2-deoxyglycosides, 319

Glycopyranosylamines, conformations of 2-*C*:1-*N*-carbonyl-2-deoxy-D-, 1

Glycosyltransferase, blood-group H gene-specified, recognition of synthetic analogues of the acceptor, β-D-Gal*p*-OR, by the, 257

Guanosine-5′-monophosphate, reaction with glucose, 177

Guanosine, reaction with glucose, 177

High-mannose type oligosaccharides, containing α-D-galactofuranosyl linkages in *A. niger* α-D-glucosidase, novel structure of *N*-linked, 149

Hydrolysis, enzymatic, an examination of the unusual susceptibilities of aminoglycans to, 159

Inositol 1,4,5-triphosphate, a chemoenzymatic synthesis of D-*myo*-, 49

Lipopolysaccharide of *Vibrio cholerae* O1 serotype Ogawa, identification of 4-amino-4,6-dideoxy-2-*O*-methylmannose as a constituent of the, 113

Lipopolysaccharide, the structure of the O antigen from *Yersinia ruckeri* serotype 01, 303

Lipoteichoic acid of *Streptococcus pneumoniae* strain R6 determined by a combination of NMR spectroscopy and computer calculations, aqueous solution structure of the tetrasaccharide–ribitol repeat unit from the, 189

Liver and muscle, differing patterns of carbohydrate metabolism in, 139

Maillard reaction conditions, the degradation of L-threose at, 41

L-Mannosyl and L-rhamnosyl terminal groups randomly distributed in the repeating units of welan gum (S-130), determination by FABMS, 327

Metabolism in liver and muscle, differing patterns of carbohydrate, 139

Methyl β-lactoside, synthesis, conformational analysis, and binding studies to ricin of different derivatives of, 223

Molecular recognition of methyl β-lactoside by ricin, involvement of the glucose moiety in the, 223

Pectic hairy regions in various plant cell wall materials, occurrence and degradability by rhamnogalacturonase, 83

Pectic hairy regions, isolation and characterization of rhamnogalacturonan oligomers liberated during degradation by rhamnogalacturonase, 97

Pectins and calcium ions binding, selectivity and cooperativity, 71

Phytoalexin elicitor activity I, synthesis of a glycopeptide with. Syntheses of triglycosyl L-serine and a triglycosyl L-serine-L-proline dipeptide, 59

Plant cell wall materials, occurrence of pectic hairy regions and their degradability by rhamnogalacturonase, 83

Polysaccharide, structure of the *E. coli* K48 capsular, 289

Protonic and thermal activation of sucrose and the oligosaccharide composition of caramel, C1

Pseudo-glycopeptides from 2-carbomoyl-2-deoxyglycosides, an approach to, 319

Recognition of synthetic analogues of the acceptor, β-D-Gal*p*-OR, by the blood-group H gene-specified glycosyltransferase, 257

Reducing abilities, in vitro, towards chromate of various hydroxy-containing compounds, including saccharides and their derivatives, 29

Repeating units of welan gum (S-130), determination by FABMS of randomly distributed L-mannosyl and L-rhamnosyl groups in, 327
Rhamnogalacturonan oligomers liberated during degradation of pectic hairy regions by rhamnogalacturonase, isolation and characterization, 97
Rhamnogalacturonase, isolation and characterization of rhamnogalacturonan oligomers liberated during degradation of pectic hairy regions by, 97
Rhamnogalacturonase, occurrence of pectic hairy regions in various plant cell wall materials and their degradability by, 83

Sucrose and the oligosaccharide composition of caramel, protonic and thermal activation of, C1
Synthesis of D-*myo*-inositol 1,4,5-triphosphate, a chemoenzymatic, 49

Tetrasaccharide–ribitol repeat unit from the lipoteichoic acid of *Streptococcus pneumoniae* strain R6 determined by a combination of NMR spectroscopy and computer calculations, aqueous solution structure of the, 189
L-Threose, the degradation of, at Maillard reaction conditions, 41

Vibrio cholerae O1 serotype Ogawa, identification of 4-amino-4,6-dideoxy-2-*O*-methyl mannose in the lipopolysaccharide, 113

Welan gum (S-130), determination by FABMS of repeating units with randomly distributed L-mannosyl and L-rhamnosyl terminal groups, 327

Xanthate, chitin, and xanthate ester derivatives, 331